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Department of Toxic Substances Control

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July 18, 2006

Mr. Michael S. Bloom
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DETERMINATION OF NO FURTHER ACTION FOR UNITED STATES NAVY PROPERTY AT THE MARE ISLAND ELEMENTARY SCHOOL, FORMER MARE ISLAND NAVAL SHIPYARD, VALLEJO

Dear Mr. Bloom:

The Department of Toxic Substances Control's (DTSC) Office of Military Facilities (OMF) has reviewed the document, "Final Site Inspection Report for the Mare Island Elementary School, Former Mare Island Naval Shipyard, Vallejo, California," dated June 26, 2006. This document summarizes the investigation and remediation activities that have occurred on the Navy owned property. In addition, OMF has reviewed and commented on other documents applicable to the evaluation of the portion of the school that is currently United States Navy property. These documents are listed in Attachment 1. The Navy owned property identified as Parcel XIII, at the former Mare Island Naval Shipyard, requires no further action pursuant to California Health and Safety Code, Chapter 6.8. A figure showing the property is enclosed.

The site and adjacent property is being considered for proposed acquisition and/or construction of school facilities utilizing state funding. Consequently, a separate environmental review process in compliance with California Education Code 12710 et seq. was conducted and approved by DTSC's Schools Division. In November 2002, the Schools Division began reviewing investigation data gathered by the United States Navy and the Vallejo City Unified School District related to completion of a Preliminary Endangerment Assessment and Supplemental Site Investigation for present and future

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school property. The Preliminary Endangerment Assessment was approved by DTSC on October 5, 2004. On June 7, 2006, the DTSC Schools Division concurred with the conclusion of the Supplemental Site Investigation Report that no further action is necessary.

The known historical uses of the site include fuel oil storage in an above-ground storage tank with associated pipelines, later use of the fuel oil storage tank as a water tank to test equipment, and use of the site as an elementary school facility. The site was investigated for the nature and extent of spent abrasive blast material used as pipeline and utility trench fill material, pesticides associated with the control of termites, radionuclides, polychlorinated biphenyls associated with transformers, lead in soil from the use of lead-based paint on school buildings, other metals, polycyclic aromatic hydrocarbons, volatile organic compounds and petroleum hydrocarbons (TPH).

The above-ground storage tank was removed in 1978. Portions of fuel oil pipeline on the school property, TPH contaminated soil, and abrasive blast material associated with the tank and pipeline as fill material were removed in 2001. In a letter dated November 14, 2002, DTSC concurred with the conclusion of the September 17, 2002, "Final Closure Report, Underground Fuel Oil Piping and TPH-Contaminated Soil Removal," that no further removal of soil was necessary.

In 2003, a separate area of TPH contaminated soil was identified in an area bordering the south-west side of the school. A portion of the area of contamination was found to be on school property. Remediation of this contamination was completed in August 2003 pursuant to an Interim Remedial Action Work Plan.

Based on our review of the information provided for the remedial actions and the documents listed in Attachment 1, DTSC's Office of Military Facilities has determined that pursuant to Health and Safety Code Chapter 6.8, no further investigation or remedial action is necessary for Navy Parcel XIII.

DTSC reserves the right to address any appropriate environmental or human health related issues should additional information concerning the environmental condition of subject property become available in the future.

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If you have any questions, please contact Mr. Henry Chui, DTSC's Project Manager, at (510) 540-3759.

Sincerely,



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Enclosures

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Attachment 1

Documents reviewed by DTSC in connection with the Navy Parcel XIII,
Former Mare Island Naval Shipyard, Vallejo, California

1. "Closure Report, Underground Fuel Oil Piping and TPH Contaminated soil Removal, Mare Island Elementary School," Draft, December 2001, Final, September 2002.
2. "Draft Human Health Risk Assessment on Greensand at Mare Island Elementary School, Addendum to the Final Technical Memorandum, Human Health Risk and Ecological Assessment on Greensand, Mare Island, California," March 8, 2002.
3. "Addendum 1 to the Draft Final Sampling and Analysis Plan, Soil and Groundwater Sampling at the Mare Island School Site, Mare Island, Vallejo, California," 2003.
4. "Site Inspection Report for the Mare Island School, Former Mare Island Naval Shipyard, Vallejo, California," Draft, February 21, 2003, Draft Final, January 11, 2006.
5. "Sampling and Analysis Plan, Soil and Groundwater Sampling at the Mare Island School Elementary School Site, Vallejo, California," Draft, November 18, 2002, Draft Final, December 31, 2002.
6. "Preliminary Assessment/Site Inspection Final Summary Report for Nonradiological Sites," May 1995.
7. "Final Site Inspection Report for the Mare Island Elementary School, Former Mare Island Naval Shipyard, Vallejo, California," June 2006.

